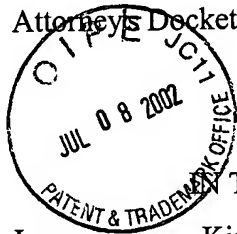


Attorney's Docket No. 5839-2 (42960/196219)



1638  
PATENT

22-02  
attachment

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kipp *et al.* Confirmation No.: 5324  
Appl. No.: 10/029,065 Group Art Unit: 1638  
Filed: December 20, 2001 Examiner: Not yet assigned  
For: PLANT MSH2 SEQUENCES AND METHODS OF USE

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Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

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CERTIFICATE OF MAILING

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Marilyn Muñoz

Substitute for form 1449A/PTO  
(Revised 10/2001)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number 10/029,065  
Filing Date December 20, 2001  
First Named Inventor Kipp  
Group Art Unit 1638  
Examiner Name Not yet assigned  
Attorney Docket Number 5839-2 (42960/196219)

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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	ABUIN, A., <i>et al.</i> , "Genetic Analysis of Mouse Embryonic Stem Cells Bearing <i>Msh3</i> and <i>Msh2</i> Single and Compound Mutations," <i>Molecular and Cellular Biology</i> , January 2000, pp. 149-157, Vol. 20(1), American Society for Microbiology, USA.	
	2	ADE, J., <i>et al.</i> , "Four Mismatch Repair Paralogues Coexist in <i>Arabidopsis thaliana</i> : <i>AtMSH2</i> , <i>AtMSH3</i> , <i>AtMSH6-1</i> and <i>AtMSH6-2</i> ," <i>Mol. Gen. Genet.</i> , 1999, pp. 239-249, Vol. 262, Springer-Verlag.	
	3	ALANI, E., <i>et al.</i> , "Genetic and Biochemical Analysis of <i>Msh2p-Msh6p</i> : Role of ATP Hydrolysis and <i>Msh2p-Msh6p</i> Subunit Interactions in Mismatch Base Pair Recognition," <i>Molecular and Cellular Biology</i> , May 1997, pp. 2436-2447, Vol. 17(5), American Society for Microbiology, USA.	
	4	ALANI, E., <i>et al.</i> , "Interaction Between Mismatch Repair and Genetic Recombination in <i>Saccharomyces cerevisiae</i> ," <i>Genetics</i> , May 1994, pp. 19-39, Vol. 137, Genetics Society of America, USA.	
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Examiner  
Signature

Date

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO (Revised 10/2001)		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/029,065
		Filing Date	December 20, 2001
		First Named Inventor	Kipp
		Group Art Unit	1638
		Examiner Name	Not yet assigned
Sheet	2	of	2
		Attorney Docket Number	5839-2 (42960/196219)
<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	8	CULLIGAN, K., <i>et al.</i> , "Evolutionary Origin, Diversification and Specialization of Eukaryotic MutS Homolog Mismatch Repair Proteins," <i>Nucleic Acids Research</i> , 2000, pp. 463-471, Vol. 28, Oxford University Press.	
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	13	MENGISTE, T., and J. PASZKOWSKI, "Prospects for the Precise Engineering of Plant Genomes by Homologous Recombination," <i>Biol. Chem.</i> , 1999, pp. 749-758, Vol. 380, Walter de Gruyter, Berlin.	
	14	MODRICH, P., and R. LAHUE, "Mismatch Repair in Replication Fidelity, Genetic Recombination, and Cancer Biology," <i>Annu. Rev. Biochem.</i> , 1996, pp. 101-133, Vol. 65, Annual Reviews Inc.	
	15	RAYSSIGUIER, C., <i>et al.</i> , "The Barrier to Recombination Between <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> Is Disrupted in Mismatch-Repair Mutants," <i>Nature</i> , November 1989, pp. 396-401, Vol. 342(6248).	
	16	REENAN, R., and R. KOLODNER, "Characterization of Insertion Mutations in the <i>Saccharomyces cerevisiae</i> <i>MSH1</i> and <i>MSH2</i> Genes: Evidence for Separate Mitochondrial and Nuclear Functions," <i>Genetics</i> , December 1992, pp. 975-985, Vol. 132(4), Genetics Society of America, USA.	
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Examiner Signature			Date Considered

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